137583/2021/OFFICE OF SECRETARY

अरुण गोयल, भा.प्र.से. सचिव ARUN GOEL, IAS SECRETARY



भारत सरकार भारी उद्योग एवं लोक उद्यम मंत्रालय भारी उद्योग विभाग नई दिल्ली—110 011 GOVERNMENT OF INDIA MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES DEPARTMENT OF HEAVY INDUSTRY NEW DELHI-110 011

> D.O.No.10 (1)/2021-Coord Dated: the 19 May, 2021

Dear Sir,

With reference to D.O. letter No.502/1/2/2014-CA-V dated August 5, 2014 of Cabinet Secretary, the following significant activities in the Department of Heavy Industry (DHI) for the month of April, 2021 are highlighted:

- 1. In the midst of national crisis due to the second wave of Covid-19 and to meet the rising demand of medical Oxygen in the country, BHEL's manufacturing plants located at Bhopal & Haridwar created infrastructure on a war footing for refiling of oxygen cylinders and are working 24x7 supplying ~ 25,000 Cu Mtr (more than 4400 oxygen cylinders) daily to several hospitals in Uttarakhand & Madhya Pradesh. During April'21, ~1,29,000 Cu Mtr (more than 20,000 cylinders) of medical grade oxygen has been supplied by BHEL.
- 2. Under FAME India Scheme phase-II, the 2nd tranche of incentive for Rs15.4Cr was released to the city of Navi Mumbai for deployment of 70 electric buses.
- 3. The Department organised four webinars under the theme "Azaadi ka Amrut Mahotsav"- A celebration of 75 years of India's Independence in April 2021. The webinars were conducted by the four DHI Samarth Udyog Centres of IIT Delhi- AIA; C4i4, Pune; CMTI, Bangalore and IISc, Bangalore on April 17, 2021; April 20, 2021; April 27, 2021 and April 29, 2021 respectively. The topics covered in these webinars are basics of Industrial Internet of Things and Augmented Reality; HR and Industry 4.0; benefits of Industry 4.0 for SME industries; additive manufacturing from materials perspective and were attended by Engineering Students, Professionals, experts from the Industry etc.
- 4. BHEL hosted a webinar on "Renewable Energy" organized by the High Commission of India to Mauritius on the occasion of 'World Earth Day 2021' as a part of India@75 celebrations. The webinar focused on the role of solar energy. The webinar saw participation from senior officials of Central Electricity Board, Mauritius, High Commission of India to Mauritius besides more than 50 participants from cross -section of business representatives in Mauritius.

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- 5. During the month of April, 2021, BHEL spent around Rs 30 crore on R & D expenditure and filed 34 patents/copyrights. Significant R & D achievement of the month includes: Successful completion of design and development of 10.5 KVA, 3000 rpm, 150 Hz overhang type compact Permanent Magnet Generator (PMG) suitable as pilot exciter for Turbogenerators for 150 MW capacity. It is an initiative towards import substitution.
- 6. In view of the Cabinet Secretariat's direction dated 12-01-2017 vide D.O letter No.1/50/1/2017-Cab, the status of ACC directions/ orders as per the prescribed format are given as under:

| S. No. | Subject | Gist of Decision | Status of Implementation |
|--------|---------|------------------|--------------------------|
| | | -Nil- | |

with fregard,

Yours sincerely

(Arun Goel)

Shri Rajiv Gauba, Cabinet Secretary Cabinet Secretariat, New Delhi.